



# GARS News

June, 1994

GARS News

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## OLD-TIMERS DISEASE STRIKES EDITOR

Ron, K4HRB wrote a real nice article for last months newsletter, though it did not get printed in last months news. He got his newsletter and was astounded to see his name in print, atop someone ELSE'S article.

After searching my hard drive I finally found his article, which is printed elsewhere in this issue, but now the enigma... whose article was it I printed last month? I searched my brain (it only took a second) and came up dry. Who



wrote it? Finally I contacted Jud Whatley, W4NZJ who admitted the article was his.

Case solved. My apologies to Ron for blaming the article on him, and thanks to Jud for admitting he wrote it.♦

## BIRTHDAYS IN JUNE

by Dean Matthews, AD4DD

2nd	AB4NI	Thomas Troncalli
4th	KD4SGR	Billy Reynolds
4th	WB4ABE	Bob Hatton
7th	KD4MRY	Johnathan Long
16th	N7GRB	Mark Bell
19th	KE8BP	Alan Hensley
21st	N4DVW	Dan Nixon
21st	KD4HLV	Marty Ernst, Jr.
29th	KA9UIE	Steve Idler
30th	KC4FCM	Nancy Barnes

*Not on the list or wrong date? Let us know! -Ed.*

## GARS GROWS GREATLY by GOLLY

Five new members were voted in at the April GARS meeting! Please welcome to GARS:

Meade Duckworth, (T) KE4IPI

Ray Nichols, (T) KD4WOT

Charles Addison, (T) KE4HNH

*Also Voted in & awaiting callsigns:*

Mary Bachner

John (Mike) Griffin

*Make it a point to meet these new members at the next club meeting!-Ed* ♦

### Jud Whatley, W4NZJ

### HAM OF THE MONTH

by Johnny Fearon, W4WKP

The Ham of the Month for June is Jud Whatley, W4NZJ of Snellville, Georgia. Jud was originally licensed in 1957 as KN4CGG. After his novice had expired (you used to upgrade within 1 year) he then upgraded to General class and obtained his present call - W4NZJ.

Jud began his ham career in Cedartown, Ga. while a high school student. He later married Mary, and made a ham out of her too, she is WB4ALU.

He is widely known and well respected throughout Georgia and the neighboring states, and has participated in almost every facet of amateur radio. He collects old radio equipment from the fifties up. His current HF station is an Icom 737 exciting a Heathkit SB220 linear amplifier. One of his passions is HF mobile and he has one of the new, small Kenwood TS-50's in his car.

Jud enjoys traffic handling, rag-chewing, DX'ing, HF antenna experimentation, and 160 meter work. You will often hear him on some remote mountain top for line-of-sight or low

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band contesting. He is also one who enjoys joining amateur radio clubs. He is a member of GARS, MATPARC, ARC, QCWA among others.

This year he is the President of the area QCWA chapter. He is a past President, Vice-President and Secretary of GARS, and remains active on the GARS Board of Directors. His presidency in 1988 finally persuaded this writer to once again become active in GARS, and his duties as publicity chairman for GARS in recent years has helped the growth of our club tremendously. ♦

## A GLOSSARY OF COMMON (or Uncommon)

## HAM TERMS

by Ron Davidson, K4HRB

Here's a compendium of ham slang and useful stuff for newer hams accumulated over nearly 40 years of hamming it up. Knowing some of these terms is not a requirement for a license, but I'm offering them so you can not only be politically correct, you can sound like you know Hiram Percy Maxim himself (the original Old Man).

**QSL>** The neat card you spent 1\$ for that you send to DX stations willingly, and unwillingly to US stations. Gives your call, location, and data on your contact. DX QSL cards are coveted and receive a special place on the wall to collect dust.

**DX>** Any station outside the continental US and Canada is fair game. Weird calls and exotic places are the best. Some people spend fortunes to be the best DXer.

**DX'er>** Associated with DX. Generally has dark circles under the eyes from staying up all night chasing the "rare one". Spends a bundle on huge antennas and high powered amplifiers. Goes absolutely nuts when a DXpedition

# GARS News

**Gars News** is the official monthly organ of the Gwinnett Amateur Radio Society serving its members and other persons interested in the advancement of the amateur radio art. Articles and submissions are invited and encouraged. If possible, submit news items in ASCII format by posting a private message to Dean Matthews on the GARS conference of the Scientific Atlanta BBS (903-5487), then use the Save Attached save command, which will prompt you to upload your ASCII file. Contact the Editor for odd format compatibility, or other means of transfer. Deadline for article submissions is the first Thursday of each month.

The GARS address is:

**GWINNETT AMATEUR RADIO SOCIETY**  
P.O. BOX 88  
LILBURN, GA 30226

#### GARS OFFICERS FOR 1994-1995

President:	W4NWF	Howard Gould	921-8362
Vice President:	KD4QFD	Larry Osborne	972-1185
Secretary:	KE4GMY	Ike Chapman	339-8123
Treasurer:	WA4QYY	Charles Evans	448-0930
Activities Mgr:	KA4KKF	David Adcock	963-5767
News Editor:	AD4OD	Dean Matthews	962-8941
License Trustee:	KO4ZS	Paul Bennett	206-0215

#### GARS BOARD OF DIRECTORS

W4WKP	Johnny Fearon	466-4038
KD4EHG	Buddy Dowdell	476-1616
KD4HMC	Sam Roundtree	921-7423
W4NZJ	Jud Whately	972-1940

#### COMMITTEES

<b>REPEATER:</b>	Howard Gould, W4NWF	921-8362
K4KAZ	Fred Rundt	945-6356
KA4EMV	Robert DeVault	923-3963
W4IXN:	Richard Barnes	995-7248
KD4SIL	George Neville	963-0705
KD4KCR	Duane Hansen	962-6086
KE4EIH	Bill Ahls	279-7044
<b>MEMBERSHIP:</b>	KE4EMA	Jack Hemdon 995-0438
<b>PUBLICITY:</b>	AD4PZ	Joe Biddle 963-4316
<b>FIELD DAY:</b>	KD4VHG	John Scott 978-0995
<b>HAM CLASSES:</b>	KA9UJE	Steve Idler 513-0428

#### GARS ASSOCIATED MEDIA

GARS 2 Meter FM repeater 147.075 <sup>MHZ</sup>  
GARS Conference in Sci-Alt phone BBS 903-5487  
WA4IOB 6 Meter Beacon at 50.075 <sup>MHZ</sup>  
WD4JXR-6 / SNETLV Packet Node/Digipeater 147.035 <sup>MHZ</sup>

#### SWAP, WANTED and SELL NET

Tuesdays at 9:00PM on the GARS Repeater. 147.075 <sup>MHZ</sup>

#### MORSE CODE PRACTICE

An interactive Morse Code practice session immediately follows the 9:00P.M. Tuesday night net on the GARS repeater, and on Thursdays at 9:00P.M..

#### MEMBERSHIP NOTES

Membership dues for the 1994-1995 were due April 1st. Don't wait! Send them in right away to the GARS address listed above.

\$25.00 for Individual Memberships  
\$35.00 for Family Memberships

#### GARS W5YI-VEC TEST SESSION

4th Friday at St. John Neumann Church - 801 Tom Smith Rd, off Five Forks Trlckum Road, Lilburn. Contact Howie Gould, W4NWF at 921-8362. Walk-In Exams - Headphones!

**GARS News** EDITOR  
Dean Matthews, AD4OD  
Editors Desk: 962-8941 Fax: 339-1394

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# QUA

#### 1st Tuesday,

#### Metro Atlanta Telephone Pioneers

Odd numbered months at Morrison's on Jimmy Carter Blvd at 7:30PM; Even numbered months at the Southern Bell Center at 12:00 Noon 145.41-

#### 1st Wednesday - HamWatch

Shoney's 11690 Alpharetta Hwy., Roswell (about 2 1/2 miles North of Holcomb Bridge Rd across from North Fulton Hospital) Dinner at 6:30PM. Meeting is at 7:30 PM

#### 1st Thursday

#### N.E. Georgia Amateur Radio Club

Jefferson Civic Center, off Memorial Dr. toward Winder from Jefferson. Dinner at 6:15. meeting is at 7:00PM. TI-147.225+

#### 1st Thursday -

#### Atlanta Radio Club

Days Inn at I-285 and Roswell Rd. Dinner at Old Hickory House at 6:00PM. Meeting is at 7:30PM TI-146.82-

#### 2nd Wednesday

#### North Fulton Radio League

Cherokee Cattle Company, 11208 Alpharetta Hwy. Dinner at 6:00PM. Meeting at 7:30PM TI-145.47-

#### 2nd Thursday

#### Alford Memorial Radio Club

Elks Lodge on Memorial Drive. Dinner at 6:00PM Meeting at 7:30PM. TI-146.76-

#### 2nd Saturday

#### East Atlanta LAN

Scott Blvd Baptist Church in Decatur. Meeting is at 10:00AM. TI-145.41-

#### 3rd Tuesday - Hamwatch

#### Shoney's 1949 Mountain Industrial Blvd,

Tucker (Just North of Hwy. 78) Times: 6:30 PM for dinner prior to meeting. Meeting is at 7:30 PM.

#### 3rd Thursday

#### Gwinnett Amateur Radio Society

Red Cross Building, Hi-Hope Rd off Hwy 316 in Lawrenceville. Fellowship dinner at Shoney's on Hwy 120, South of 316 at 6:00PM. Meeting is at 7:30PM

of millionaires travels to some rock protruding from the middle of the ocean. This is a really neat part of the hobby and you learn a lot about geography.

**GREEN STAMP**> Also associated with DX and the DXer. Commonly referred to as a dollar bill, the green stamp is mailed with your QSL card to defray DXpedition expenses. Really a bribe to get the guy to send you his QSL card. In the former Soviet countries, the Green Stamp is usually stolen by a postal employee, but it helps the local economy.

**807**> This secret code known only to old-timers means B E R, one of the best field day fuels known to man. Technically, an 807 is a W.W.II vintage transmitting tube.

**FIELD DAY**> An annual debauchery where normally sane hams gather radios, tents, antennas, etc., find the most remote and ant infested pasture and operate off batteries or generators for a whole weekend in the summer. The winners have proven that they can withstand lightening strikes, snake bites, warm beer, torrential rain, and broken equipment. This superb test of our ability to assemble and operate a station under emergency conditions harkens back to the days where we could be called upon to provide communications under conditions of a nuclear attack.

**LID**> Any idiot who tunes up on your frequency, "quarms" you, or acts like a complete nut. LIDs are always heard around rare DX stations.

**QRM**> Also known as "quarm", as in "He quarmed me...", somebody intentionally or unintentionally transmits directly on top of the station you are listening to. Best advice is to listen first before transmitting.

**QSY**> Change frequency. As in "I'm gonna QSY now to simplex".

**SWR**> Also known as VSWR (correct), "viswar", is best kept below 1.5 to 1. Everybody should have a "swar" meter to keep track of their feedline performance. Remember that a dummy load has perfect "swar".

**DUMMY LOAD**> Lots of dummies are on the air. This one is an air or oil cooled non-inductive resistor used to tune up and adjust transmitters. The juice goes into the dummy rather than

out over the air. (*An inefficient antenna is also often referred to as a dummy load - ED.*)

**CARRIER**> As in "he threw a carrier on me...", Southern vernacular for a CW tone with no modulation. Usually used to irritate someone you want to "quarm", and occasionally to tune your transmitter.

**CW**> It had to be next...a continuous wave, or RF without modulation. Best used with a KEY which opens and closes the circuit. Speeds can range from boring to the ridiculous. I think the best way to communicate is with CW. Also known as MORSE CODE!

**O F**> Use your imagination. The first word is OLD, the second starts with an F and the second letter is A. Best used to describe retirees who clutter the best DX frequencies. HF bands are filled with them during the day from Florida and Sun City.

**DESTINATED**> Use this term only if you talk on the Stone Mountain Repeater, carry at least 7 pencils in your pocket protector, and drive a 1953 Packard Patrician. Your license plate proclaims "LID" for all to see.

**QRT**> The popular and politically correct term for "destinated"... means simply that I'm going off the air. Such as "Gotta QRT now, guys, see you later". You will not be a "LID" if you use QRT (except on the Stone Mountain Repeater).

**HF**> A general reference to the High Frequency spectrum which includes anything below 30 mHz. Definitely not 2 meters.

**RIG**> What the certified old-timer calls his "radio", also known as a transmitter, receiver, or a transceiver.

**TICKET**> That little piece of paper you waited 12 weeks for. Issued by the FCC (also known as the "friendly candy company").

**CANDY STORE**> A unique term used to describe the local ham radio dealer. Where guys who are hams go on their lunch hours to play with the rigs on display and to "have an eyeball" with other hams. Bring plenty of bucks to the candy because peer pressure won't let you leave without buying something.

**CONTESTER**> Any ham who loves to sit for 36 or 48 hours at a time

and talk to other hams for 3 second exchanges of call signs, state, or a goofy serial number. May require vacationing in Aruba or the Seychelles Islands complete with exotic call sign issued especially for the contest. Requires big buck station and antennas to win big prize (a wall plaque). Winners are heroes and gods among fellow hams.

**RAG CHEWER**> Diametrically opposite of the "CONTESTER". Enjoys long, leisurely, and sometimes boring contacts with one or more other hams. Talk is about either politics or high power linear amplifiers. Occasionally gets in the way of the contest and becomes QRM. Rag Chews south of the Mason Dixon Line can last for many hours. Rag Chews with hams from W2 land often are over in seconds when we find we can't understand them.

**73**> A cordial ending to a "QSO". Means best regards. Not 73's, or "seventy thirds" as our friends on channel 19 say, but just plain 73...thanks and best regards.

**QSO**> Also known as a "que-so", is nothing more than a contact...a chat between two or more hams on the air. A QSO in person without the radio stuff is called an "eye-ball que-so", and is often more fun with 807s, no "quarm", and most importantly, no "lids". Get my drift OM?

**OM**> Of course. It's the "old man". Use OW, or "old woman", sparingly. Best here is YL or XYL. YL's (young ladies) are best, but XYL's (ex YL) are OK too. YL's are generally not married (at the present time). How're ya doin', OM?

**88**> This goes with YL and XYL types. Generally OM's wish YL's 88...which means love and kisses. This is great for those of us who talk to our spouses via ham radio and get embarrassed to tell them we love 'em over the air. It's OK for the ladies to use it too. Today, it is not uncommon to hear 88 exchanged between two OM's.

**QRZ**> A strange query also known as "QR-ZED" on voice, means that I am available for a call.

**CQ**> Not to be confused with "QR-ZED", means "Seek You" for a contact. On phone, "See-Que" means "Hey, I spent all this money for this radio, now I

want to talk to someone". Do not use CQ on a repeater unless you want to be considered a "LID". "Listening" or "Monitoring" is considered repeater cool.

**75 METERS**> A great place to visit, but you wouldn't want to live there. One of the long wave HF bands at 3.8 megahertz. Transmission distances limited to 1000 miles or so in the winter, and the SSB band where the illegally powered ham station is the rule rather than the exception. You will hear signal strengths rivaling WSB. Why not? Some of these guys are using some of WSB's old transmitters! Keep the kids away if you tune across this band...the profanity is legendary on some frequencies.

Here's to your success in using your new-found vocabulary. I'll see you on the air OM, and we can chew the rag about your viswar and have a terrific QSO without the OF's quarming us. So 73 and 88 fer now. ♦

## APRIL MEETING HIGHLIGHTS

The following was extracted from the April 21, 1994 meeting minutes, by Ike Chapman, Secretary, and printed here for the convenience of those not able to be present.

Present: Members: 34 Visitors: 5

There was no treasurer's report due to absence of Charles, WA4QYY. Larry, KD4QFD, announced that he had located someone for DXCC checker pending the restoration of Special Services Club status to GARS by the ARRL.

David, KA4KKF, gave the activities managers report:

>AD2Q needs help for a bike race coming up, volunteers needed to head up a group of four operators for a parade in Dacula on Memorial Day >Volunteer needed to head up a club picnic at Fort Yargo State Park >Rookie Radios next activity will be QRP kits.

Joe, AD4PZ, as Publicity Chairman, reported that he had contacted the local TV stations and newspapers about the Sam's Club demonstration.

Pat, KC4DOO, and Dean, AD4OD reported on the results of the committee formed to work on a GARS logo. The committee recommended that the logo as shown on the April newsletter be adopted as the official logo of GARS. This recommendation was adopted without opposition.

Cheryl, KE4JKM, Rookie Radio, reported that the first Rookie Radio field trip had taken place on the previous Sunday with a visit to AD4OD's radio shack for a demonstration of packet radio. There were seven people in attendance for the field trip. The next Rookie Radio activity (*is announced on*

a new Mark 4 repeater. The executive committee asked for a list of users in the Southeast who have a Mark 4 (*see p.11-ED*) Ron pointed out the Kende-com sells about 200 VHF and UHF amateur and commercial repeaters each year. The Mark 4 base configuration would be similar to the current repeater but with more features such as echo test, deviation test, etc.. This baseline package would cost approximated \$3600.00. Howie, W4NVF, suggested that the new repeater would be paid for be taking out some funds from the general treasury, but making sure that enough operating funds were left for

executive committee is not recommending the purchase of the Mark 4 based on a brochure and phone call from the manufacturer, that in fact, the executive committee had turned down Howie's request to do so. Charles, AD4MI, asked for a treasurer's report on the status of the treasury and a report on operating expenses before proceeding. Dean, AD4OD, pointed out that instead of making a contribution to a special fund that you could pay several years of dues in advance.

President Gould asked for a motion from the floor for the purchase of a new repeater. A motion was made and sec-

onded to purchase a Mark 4, or equivalent repeater without depleting the treasury of GARS. The motion was voted to the affirmative.

Judd, W4NZJ, and Steve, AD4LY, talked about the amateur radio exhibit at the SciTrek Museum in Atlanta. They need volunteer for operators for just about every mode of operation and every license class. Volunteers are need on Tuesday through Saturday from 11:00 A.M. until 2:00 P.M. and on Sunday from noon until 3:00 P.M.. All volunteers have their parking and admission to SciTrek paid for them. The business was adjourned by President Gould at 20:43 local time. The activities part of the meeting followed with home brew show and tell and socializing.♦



A rowdy bunch showed up for Cheryl's "Rookie Radio" packet radio demonstration field trip at the home of AD4OD.

*p.10 of this newsletter-ED)* and Cheryl is looking for other suggestions.

Pat, KC4DOO, gave a status report on ARES in Gwinnett County, and said that a more in depth presentation on ARES would be coming in August. Pat introduced GARS Member Chuck Calmbacher, AD4JU, the ARES District Coordinator for the 11 county metro Atlanta area, who gave a presentation on the structure and organization of ARES and the role that ARES played in the recent bad weather in Georgia. President Gould announced that Bob, WB4ABE, had been appointed as chairman of the TVI committee.

Ron, K4HRB, was recognized for a report on the repeater. Ron reported that the repeater was "sick" and that we have no spare repeater or standby repeater. Ron added that the repeater committee had recommended to the executive committee that GARS purchase

1994, and the rest would be made up for by donations to a special repeater fund. Dean, AD4OD, pointed out that the

## YOU ARE CORDIALLY INVITED

To An Evening of Fun and Frivolity!

On the Evenings of May 27th and June 16th  
At Seven-Thirty  
In the Red Cross Building  
On Hi-Hope Road, in Lawrenceville

The Gwinnett Amateur Radio Society Monthly Meeting

A Pre-Meeting Fellowship Dinner begins at Six O'clock  
at the Shoneys on Hwy 120 in Lawrenceville

## SAMS CLUB RADIO DEMONSTRATION

by Ike Chapman, KE4GYM

Very soon after the new officers took office in February, Howie and I were talking about ways to promote GARS and amateur radio. Both of us had talked with the people at Gwinnett Place Mall since they had in past years had a weekend demonstration of public service groups such as the Red Cross, Fire Department, etc., and we thought that we could get into the mall for that weekend. However, that event was no longer *on* the mall schedule so Howie suggested that we might try someplace like Sam's Club.

I called Sam's Club and talked to the general manager, Dale Bedell. I explained that we were a non-profit organization aimed at promoting amateur radio and that we would like to set up a demonstration of amateur radio at their store. I stressed that we would not be selling anything, just promoting amateur radio and GARS.

Mr. Bedell said he would be glad to work with us and referred me to Danielle Oxford to schedule a date. After reviewing their calendar, we decided on Saturday, April 23, with a rain date of Saturday, May 15.

Now I had a date and an idea for the demonstration, so it was time to come with people, equipment, and literature. I placed a message on the GARS conference of the SA-BBS and asked for volunteers and began asking for volunteers on the Tuesday night GARS net.

I began to hear that little voice "if you set it up, they will come". Ron, K4HRB and Larry, KD4QFD, came forward with offers of setting up their HF rigs. Joe, AD4PZ, volunteered to provide a six foot long workbench for setting up radios. Steve, KD4WAK, volunteered to set up a portable packet station. Johnny, W4WKP, called and said he would be there for a couple of hours to help out anyway he could.

Now I had a date, an idea, and volunteers so I contacted the ARRL and the major equipment manufacturers and asked for brochures. The ARRL sent us three different types of brochures promotion amateur radio, one for young people, one for adults, and one for retirees. The ARRL also send "Archie" comic books for the young and young at heart.

I called Kenwood and got a great response, they sent a box of product brochures, 50 laminated maps with the country callsign prefixes, and some posters and wall maps. The same thing with Yaesu when I called them, and



Howie, W4NVF (left) and Steve, KD4WAK (right) demonstrate VHF repeater operation to an interested visitor at the Sams Club outing in April.

## PROPOSED BYLAW CHANGE

*The following amendment to the bylaws of the Gwinnett Amateur Radio Society (GARS) is proposed by the executive committee of GARS. This amendment provides for the creation of a board of directors and specifies the method for choosing the directors, the length of office term for the directors, and the duties of the board of directors. This amendment is necessary to bring GARS into conformance with Georgia corporate laws that require a board of directors for non-profit corporations such as GARS.*

### Section I - Board of Directors

- I.1 There shall be three (3) Directors of the GARS. Their duties will include the oversight of the general operation of the GARS, to serve as an advisory committee to the President, and such other duties as the President shall require.
- I.2 The Directors shall be the past immediate three (3) Presidents of the GARS. If one or more of the these Presidents cannot serve for any reason, the President shall appoint a director, subject to confirmation by the executive committee.
- I.3 The term of the Board of Directors shall for one (1) year commencing at the adjournment of the February meeting following elections of new officers and ending at the adjournment of the February meeting the following year, or until their successor has been selected. Directors selected after the February meeting shall assume their duties immediately, and their term of office shall end at the adjournment of the February meeting next following.
- I.4 The Board of Directors shall report to the President.

they sent 500 charts showing all the amateur band frequency allocations.

Saturday, April 23, was a beautiful day weather wise, a little cool in the morning but lots of bright sunshine. As I approached Sam's I heard Steve, KD4WAK, on the repeater asking where we were going to set up. I came back to Steve and told him that we would be on the right side of the entrance at the front of the building. As I pulled up in the parking lot, there was Ron, K4HRB and Joe, AD4PZ already setting up a table. Steve began setting up his packet station, unfortunately we couldn't find an antenna in a suitable location for Steve to connect to anyone but he was able to copy some connect statements for demonstrations.

Ron, K4HRB set up an HF rig on the workbench and strung coax back to

his truck and used his HF mobile antenna for that rig. Larry, KD4QFD, backed his truck next to our display and was operating HF mobile from that location. It wasn't long before Howie, W4NVF arrived on his motorcycle and things began to get rolling. Ron got the HF rig tuned up and on the air and Howie made contact with a station in North Carolina.

While Howie was on the air, two guys from the Dominican Republic, Paul and Dominique, stopped by and Howie got them on the air with the station in N.C.. I'm not sure who had the biggest grin, Howie or Paul.

As I walked past Ron one time, I heard him talking to Jud, W4NZJ on the HF rig and it wasn't long before there were three HF stations in operation. Then I looked around and noticed a group of GARS members around Ron's rig and found out that he was making contacts with stations in Switzerland and Bulgaria. Everybody was lining up to throw their callsigns in and work those stations as well.

The demonstration was active from 9:30 A.M. until 2:00 P.M. We had a good number of people visit us and ask about who we were and what amateur radio was all about. Unfortunately, nobody remembered to set up a visitors log until late in the morning so I don't know exactly how many visitors we had, I would guess a minimum of 25, but we'll make sure to have one next time. A lot of the folks were surprised that we were giving away those brochures and fliers. We had some people that wanted to buy radios and didn't want to believe that we weren't selling anything. We also had several hams that aren't members of GARS stop by and ask questions about us and pick up membership information.

Before I finish I want to thank all of those folks mentioned above without whom this demonstration would not have been a success.

I also want to give a big thanks to Joe, AD4PZ, for publicizing our event. Every time I logged into an amateur related BBS around town, Joe had been there with an announcement. Joe also was in touch with the newspapers and TV stations with press releases, I had someone at my office tell me they saw

an announcement in "The Gwinnett Tribune".

Another big thanks to Cheryl, KE4JKM, who was there with us all day from set-up to break-down. I also want to recognize all of those GARS members who stopped by and spent some time with us: Dave, N3LWX; Pickett, AD4S; Sid, KE4KPM; Dennis, KE4IKO; Dean, AD4OD; Jay, KE4FJV; Jack, KE4EMA; and Mike, (still waiting on his call)

I hope I didn't leave anyone off the list, but if I did I thank you as well. A final thanks to Howie, W4NVF, our fearless leader for the inspiration to set this up, and for his time and effort spent with me on the phone and in person making this event a big success. ♦

### THE NAME OF THE GAME

by Larry Osborne, KD4QFD

The name of the game is being courteous - trying to help when needed and always being pleasant while you are at it. You get your biggest chance to show your good side while you are on the repeater.

No, people do not always know they are in a bad area - no, everyone cannot afford a 10K amplifier for their house or vehicle - so, sometimes their signal is not the best. Our job is to \*politely\* point that out - not jump all over them like they are the dregs of the earth. The GARS has a reputation of being kind and courteous - of welcoming people to our repeater and our club. Lets always have that aspect shine.

Next, I am always happy when I hear someone break in with an emergency call and hear someone in a better position to copy or bring up the emergency patch drop what they are doing and give the help that is needed. Those are the folks that remind us all that it does not matter what we are ragchewing about, it does not matter that someone with a cellphone may have called it in already, and it does not matter who we are - the real amateur operator stops what they are doing and provides the assistance necessary. The person with the

## PROPOSED BYLAW CHANGE

*This bylaw change is proposed by Executive Committee and would take effect on 2/28/95. Its purpose is to make the Club Trustee an appointed post so that is a stable post, preventing the need for yearly changes in the documentation to the FCC. The license trustee's primary purpose is to be the contact for the FCC to reach in the event of their need to contact us. Removing the Editor of the Newsletter as an officer is proposed to have an odd number of officers to prevent vote ties in Executive session.*

### Section C - Officers

C.1 The officers of the GARS shall be: President, Vice President, Secretary, Treasurer, and Activities Manager.

C.3 The regular election of officers shall be handled as follows:

(5) The order of election of officers shall be:

President, Vice President, Secretary, Treasurer, and Activities Manager.

### Section D - Duties of officers

Remove sections D.6 and D.7., rewrite and move to Section H - Appointments / Committees.

*(Note: Editor, Description D.6., and Trustee, Description D.7., being eliminated as officers must have their duty descriptions removed from the "Duties of Officers" section and placed into Section H - Appointments / Committees. Some wording must be changed to reflect the move.)*

### Section H - Appointments / Committees

H.4 Immediately upon assuming office the President shall appoint an Editor of the GARS Newsletter. The Editor of the GARS Newsletter shall be responsible for writing, publishing, and distributing a bulletin.

H.5 Immediately upon assuming office the President shall appoint a Trustee. The Trustee shall handle those duties as assigned by the GARS officers.

emergency situation is trying to do the right thing - report it, so someone who needs help can get the help.

So, the next time you hear that "scratchy signal" or that "call for help", it is your turn to shine. ♦

## NEW BBS

One of our members - Paul Knowlton, KE4GBS started a new telephone BBS on 5/5/94. He calls it the "The 7th Plane BBS" at 979-2679. With a 540 meg hard drive, he advertises ham files and packet access soon. Check it out! ♦

## The PRESIDENT'S PEN by Howard Gould, W4NWF

April has been a busy month for GARS. I am very pleased with the group of officers I have been given the opportunity to work with, they are a dedicated bunch of hams who are giving up a lot of their free time to GARS to make your membership rewarding.

We are growing in membership each month, there is a lot of interest in the ham community with GARS and do you know what the biggest reason is? It's because of our open arms attitude that we all have at GARS and recognition for each and every member. We are more than a large group of hams with radio call signs as our identity, we are all special individuals with desires to know each other more and to understand our hobby which is changing with the computer age.

What a great opportunity for anyone coming into the hobby nowadays to learn so much about the new facets of communications. There is so much to do with the newcomers in our group that I see only good rewarding satisfaction for each of us who is involved with helping these new additions, which will enrich our hobby that much more.

All of us old timers so to speak, will find that these new hams will be the future leaders of GARS and other clubs if we lend them the help and understanding that we should be more than willing and able to give.

I for one have been around for thirty eight years in the hobby and have been involved with many, many, changes in radio which I tried to keep up with. I have been blessed with a full life to date and do not regret anything I have done as a ham radio operator. But one day you wake up to the fact you are not with the program, hams are speaking strange language like packet.

Well if you are an old timer like me, and many of you are, you take it with a grain of salt so to speak but you do not show your displeasure in this new fangled thing and you are allowed to be ignorant of it totally because it does not interest you and that is your right. The

same should hold true for the ham who is active in this new fangled thing, instead of huffing and puffing about how great it is, take some time to gently introduce some other ham into it with your knowledge about it and if he or she says they are not interested, let it go at that and go on your happy way.

Too many times we try to force what we think is great onto someone else and we take great offense when we are rejected, this is what creates unrest within some individuals and goes further and spreads like a cancer destroying everything in it's path. If you are a traffic handler, DXer, public service, packet user, mobilier, please don't try to convert someone over to your side by force, you may be totally unaware of your intense desire to get your points across, and in doing so you may lose a friend.

It looks like the net is doing great lately with the addition of some net controls and more code practice people to take turns at the helm. Steve, KD4WAK is back running code for us and David, KA4KKF has been doing a bang up job.

Needless to say that Duane, KD4KCR is also in there behind the scenes heading up as fine a program as you can get. We even had our ex Prez W4WKP, Johnny doing a great job as net control for the want and swap net.

GARS Net check-ins are now up to over 20, and the new "Chat Format" seems to really be popular with the participants. The net has grown so that we have had to move the time up to 8 PM on Tuesdays to have time for the Code Practice that follows the net.

Dave, AD2Q is heading up the Hog Mountain bike race in May and is looking for some volunteers, I think he is need of about ten hams for this one. I hope it goes well as I think the newsletter will be late behind it? Jack, KE4EMA is moving with the membership committee, he is handling all the new members with follow up to be sure they have a copy of the newsletter and all the info on auto patch along with speed dial numbers if needed. Joe,

## PROPOSED BYLAW CHANGE

This bylaw change is proposed by the Executive Committee and would take effect on 2/28/95. The purpose is to offer GARS members the benefit of the savings involved in buying a lifetime membership, while insuring the solvency of GARS. At present dues rates this represents fourteen years of dues. This is added to the Finances section of the bylaws, so applicants are subject to the qualifications as outlined in the existing Gars Bylaws Section B-Membership.

### F.6 Lifetime Memberships

- (1) A licensed radio amateur can become a lifetime member with a one time payment of three hundred and fifty (\$350.00) dollars.
- (2) This payment can be made at any time, but no refund will be made for any dues that have been paid in the past.
- (3) After the funds for that one time payment are credited to the GARS account, that lifetime member will not be required to pay any further regular club dues.
- (4) There can be no refunds for lifetime memberships.
- (5) Lifetime memberships are not an asset, they cannot be given, sold traded or assigned to another person.

AD4PZ is doing something all the time with GARS publicity, he is very anxious to see that we get our share of the lime-light whenever possible. Bob, WB4ABE is now chairman of the TVI committee and looking for some volunteers to join him. He has plenty of background because of his experience with Cable TV which he works at for a living. Thanks Bob.

Dean, AD4OD is doing a bang up job with the newsletter as you all will agree, have you noticed that we are using the GARS logo? it looks great. Dean is always looking for new ideas to generate interest and new membership in GARS, and some of his latest ones have been just superior.

Cheryl, KE4JKM is generating interest in her Rookie Radio, I understand she has put a group together to visit a genuine Packet station along with other goodies, I hope it was a satisfying adventure for all involved. I am very pleased that we are showing some interest in this Rookie Radio group, it is a known fact that we amateurs have been neglecting the newcomers to our hobby,

and we have let them flounder around enough. I would like to see some list of Post-Elmers established by the club members so our Rookie Radio members can plan on visiting with them to show off their stations and equipment and to also advise them on purchasing equipment, how to install it, how to ground it and how to use it.

Remember to support Georgia Section Manager, Jim Altman, N4UCK in his HB 1134 by writing your state representative and senator asking them to vote for the bill which will kill any and all restrictive covenants which would regulate antennas owned and operated by licensed amateurs in the state. The bill would also eliminate existing covenants when they come to renew them which is every 20 years.

I have received news from our secretary Ike, KE4GYM that we are still an affiliated club with the ARRL so we can go on receiving a portion of each ARRL renewal and new membership cost. This will help our club treasury a little bit. We also are applying for a special services status which will give us added benefits.

By the time this newsletter hits the streets, we will have undertaken some civic activities which will give some newcomers to our hobby some experience with communications of a different level than they have been accustomed to. There will also be some old timers who may learn a new trick or two, we need to look for other activities throughout the coming year that will keep up the interest in our club. Give David, KA4KKF a call.

At the regular meeting, a motion was carried to purchase a repeater of the Mark 4 specifications or one equal to it, and we tabled how to finance the amounts that would be needed until we had a report from the treasurer at the next executive meeting, but in no event would we use any more funds than necessary out of the treasury so the club would be solvent for another year.

This would require a special repeater fund to be set up for a one time donation by all members to contribute to, and possibly continue the special fund for future purchases of additional equipment. I would like to see the whole

amount for a new repeater come out of a special contribution fund rather than the treasury, but I am afraid that we will not meet our goal out of donations only.

I had some members vote against this motion as they felt that a blank check was being issued to the executive committee to spend as they felt fit. This is most certainly not the truth of the matter. Your President made it very clear that I wanted to protect the treasury foremost in this issue, and I will vote against any attempt to do so. The bottom line is we need a new repeater.

I believe the Mark 4 will give us all we want and then some, the input I am receiving at the time of this writing is that this is a very good unit based upon operation by some Georgia owners.

We still have a brand new bicycle in a carton down at Jerry Metcalf's place, and he has agreed to raffle it off for us at his bike race later this summer Jerry is supporting GARS all the way and we owe him our appreciation. See you at the May meeting. ♦

### EXECUTIVE COMMITTEE REPORT

by Howie Gould W4NVF

Thursday April 14th we had a meeting at my house to go over agenda which was to do with the bylaws and repeater. We discussed the bylaw changes we are going to propose to the membership which were carefully gone over and worded by our Vice President Larry, KD4QFD.

We sent Larry back to the drawing board with some minor changes after we had carefully gone over them. Larry should have them available for the newsletter in this issue for all members to see. We ask for your support of these changes as they are important to the efficient operation of the Society in the future, especially the new addition to the bylaws the Directors.

One of the bylaw changes involves life membership, this bylaw change was created because we never had an existing one that covered life membership, and since the Society agreed to give a life membership to Richard Barnes,

### PROPOSED BYLAW CHANGE

*This bylaw change is proposed by the Executive Committee, as requested by the membership of GARS, and would take effect on 2/28/95. The purpose is to specify the criteria by which future Honorary Gars Lifetime Memberships can be given.*

#### B.3 Honorary Lifetime Memberships

- (1) Honorary Lifetime Membership is more than enduring membership. It is recognition for a very select few eligible GARS members who meet the qualifications below:
- (2) One Honorary Lifetime Membership may be given during each fiscal year. This is to be a special consideration and need not be an annual event.
- (3) The person considered must be someone who has exhibited long term and continuous devotion, dedication and meritorious service to and on behalf of the GARS and Amateur Radio, and has contributed greatly to the advancement of the GARS and Amateur Radio.
- (4) The name of the person to be considered shall be submitted to the President or Vice-President. The submission must be signed by three (3) GARS members in good standing and shall be accompanied by a written explanation as to why the suggested member should receive this unique award.
- (5) Upon receipt of the submission, a Special Committee shall be formed. The Special Committee will decide whether the person submitted will be rejected, or will be recommended to the GARS membership. The Special Committee will be comprised of the President, Vice-President, one other officer appointed by the President, and four (4) members appointed by the President who are not officers or committee chairpersons. The President will select the Special Committee Chairperson from these four members. The Special Committee will examine and discuss the recommendations. The Chairperson will report the decision to the membership at the next scheduled business meeting of the GARS.
- (6) If the person suggested for Honorary Life Membership is approved by the Special Committee, a vote of the members present will be taken, with a majority vote being necessary for election to this select position.
- (7) If the person suggested for Honorary Life Membership is rejected, that person shall not be eligible for re-consideration for twenty-four (24) calendar months.
- (8) A person receiving this honor shall be relieved from paying regular annual dues.
- (9) This special award applies to individual memberships only. If the lifetime honoree has a spouse who is also a member of the GARS, the future dues for the spouse will be the difference between the amount for individual membership and the amount for family memberships.
- (10) Honorary Lifetime Memberships are not an asset, they cannot be given, sold traded or assigned to another by the honoree.
- (11) No refunds will be made for dues already paid.

W4IXN in exchange for a new antenna for the repeater, there needed to be some criteria set for future applications for life membership.

There has never been an official Director bylaw for the Society as the original board of Directors were only appointed to satisfy the state of Georgia requirements for the Corporation. There will now be a new bylaw if voted by the membership and the board of Directors will be the immediate past three Presidents of the Society.

We are also proposing a change to the slate of officers which I think most members are in agreement with, and we have finalized the wording on this bylaw change.

It will be up to the membership to either accept or reject any or all of these proposed changes. Look them over carefully and when you are asked to vote, give your vote with some understanding of what it will mean to you as a future member of GARS.

We had Ron, K4HRB make a presentation to us for the repeater committee which involved the MARK 4 repeater made by MICRO CONTROL SPECIALTIES in Groveland, Ma. This looks like an excellent choice cost wise and equipment wise. ♦

### WHAT CAN YOU DO ON 2 METERS, ANYWAY?

by Larry Osborne, KD4QFD

Have you heard this? - "Two meters is just CB once removed." Well if you disagree, tell us about it.

Is it more than repeaters? Is there a group of frequencies for simplex? What are they? Who meets there? What are the best times? Best frequencies? Is there some kind of national meeting night? Where? when? Any special interest groups (like hobby interests) meet on a particular frequency? When?

What do you get out of 2 meters? You say you don't care about Nubutu in Zaire - then what do you like on 2 meters?

Our club is made up of many interests, lets hear more about yours. ♦

## ROOKIE RADIO ARTICLE: ACCESSING THE PHONE PATCH

by Cheryl McClure, KE4JKM

One of the benefits of membership in GARS is phone patch privileges on the repeater. Do you know how to invoke those mysterious sounds to call up the patch? Well, pay attention and learn.

First of all, the patch is closed access, which means the password or repeater code is given out only to GARS members. When you joined you should have been given the code. If you need to be reminded, contact the GARS Membership Chairman - Jack Herndon, KE4EMA at 995-0438.

Since this newsletter is read by non-members, I will substitute &&& for the code when I describe the procedure.

There are a few things to remember before you use the patch. First, it is the most public phone call you will ever make. Be nice and let the person you are calling know that you are calling on the patch. Sometimes when the repeater is in a good mood the sound quality is quite good and *it isn't immediately obvious*. They might want to watch what they say over public airwaves. Also, they need to understand that while you have the mic keyed you can't hear them if they try to interrupt you.

Now, for the fun part. Before accessing the patch, listen to be sure the repeater is not in use. If you just turned on your radio you might want to ask, "Is the repeater in use?". If nothing is heard, then you may proceed. I will give the procedure as if I were calling 555-1212.

- >I key the mic and say "This is KE4JKM accessing the patch".
- >With the mic still keyed I press star (\*) and the repeater code (&&&) followed by the phone number (5551212) and unkey the mic. The whole sequence would be \*&&&5551212.
- >After I unkey the mic the repeater will respond with "AUTOPATCH" and then will announce the phone number I just dialed. If I wanted to be sure I dialed correctly, I would just listen. If I didn't want the number to be broadcast (perhaps it's a unlisted number) I would just key the mic once quickly and release while the number is being read back. This will silence the announcement. If you did dial incorrectly or want to end the phone patch for any reason, key the mic, press # and unkey.
- >The next sound heard will sound like a busy signal. Don't let it throw you. It will beep about seven times and then the phone should begin ringing. You know what to do from here.
- >Remember, there is a five minute time limit on your conversation! If you are still on the line the repeater will remind you that you have only one minute remaining until it ends the phone patch.
- >When the other person has hung up and the call is complete, I key the mic, press the # key and unkey the mic. The repeater will drop the patch and say "Call complete, Thank You"
- >I key the mic once more and say "KE4JKM clear of the patch" and I'm done! That wasn't so hard, was it?

There are speed dial numbers for 911, various county police departments, Atlanta Fire Department, and Georgia Power Utility. You will get a list of these when you receive your speed dial number. If you are using the speed dial code you don't need to use the repeater code with it. So to call speed dial 5555, I would enter \*5555.

If the above procedures don't work, the repeater may be on the fritz again. Just try again later and hope the new repeater is installed soon! 73! ♦



IT'S TIME TO GET DOWN TO THE NITTY GRITTY, ROCKIES! OUR PRESIDENT, HOWARD GOULD, HAS OFFERED TO GIVE THE ROOKIE CLASS OF 1994 A HANDS-ON CLASS TEACHING THE BASICS OF CIRCUIT BUILDING INCLUDING BASIC SOLDERING, PROPER USE OF METERS, AND INSTALLATION OF RESISTORS, TRANSISTORS, KNOBS AND SWITCHES! HOWIE HAS A BRAND NEW IN THE BOX HEATHKIT SIGNAL TRACER TO BE BUILT. HE WILL SUPERVISE WHILE THE ROCKIES LEARN TO TRANSLATE DIAGRAMS INTO WORKING CIRCUITS. IF THIS SOUNDS LIKE FUN TO YOU, BE AT HOWIE'S HOUSE ON SATURDAY, MAY 21ST AT 1PM. DIRECTIONS CAN BE OBTAINED FROM CHERYL MCCLURE AT 995-5159. TAKE ADVANTAGE OF 36 YEARS OF HAM RADIO EXPERIENCE. BRING YOUR SOLDERING IRON AND JOIN US FOR HOWIELAB!

### CONTESTING ON 160 METERS AT 3,500 + 100 FEET! by Jud Whitley, W4NZJ

Each year there is a 160 meter single sideband contest and Hams around the world adjust their "shunt fed" towers, their 1/4 wave inverted L's, and/or check their "Beverage receiving antennas" in preparation for the 160 meter SSB Contest sponsored by CQ Magazine.

Georgia is known as the main contender with widely known Georgians rallying to the call of the "Top Band". Georgia stations such as N4RJ, K4PI (P40I), K4JRB, W8BLA, K4JPD, etc. always answer the call.

This year, several Gwinnett Hams and a Floyd County Ham decided to pitch their hats into the ring to stir the pot. Participating were Jim, K4AEK

(Rome), Arnold, KC4ZUA, Jeffrey (Arnold's son), and Jud, W4NZJ (all of Gwinnett).

A toss of the coin decided the call to be used....W4NZJ. The place.... Sassafras Mountain near Jasper, Georgia with an altitude of 3,500 feet! Would the added height assist in their efforts? Would there be too many problems operating at a distant location rather than in the safe confines of some Ham's home? What antenna should be used? Would a simple 100 watts compete with the many "Big Guns"? Many questions loomed but now there are answers.

Friday morning we left Arnold's at 9:30 for Jasper. We arrived at about 12:30 following several short/brief

stops. We quickly unloaded the equipment (Icom 737, DSP unit, power supply, 260' 1/2 wave dipole with ropes, SWR meter, MFJ SWR Analyzer, and other assorted test gear.

We proceeded rapidly since the contest started at 5:00 PM. I quickly put on my safety belt and proceeded to climb 100' up to drop a line for the center apex of the "inverted vee". At 50' I rested and garnered my courage. At 100 feet I dropped the line and started taking photographs!

The wind, although not strong at this time at the base, caused the rope to travel at least 45 feet away from the structure even though it was weighted with a heavy wrench!

The antenna was then quickly hoisted and tested only to learn of a bad soldering joint on the 259...thanks to me! It was quickly repaired and rehoisted. SWR seemed okay and our first test was made at 4:15 PM with 45 minutes to spare!

We then reviewed the logging procedures, stored our food and sleeping equipment, and then settled down for contesting until Sunday morning!

At a few minutes before 5:00 PM, the signals started as others tested, too. All Hades broke loose at 5:00 PM with us working many Georgia, Alabama, and Tennessee stations. K4HRB, Ron was in there, too.

As nighttime settled in, the 160 meter band started to open... first to the Northeast (CT, MA, NH, NY, etc.) and South to Florida and Alabama and then it moved across to the mid-west (IL, IN, KY, MI). About 10:00 PM, Utah, Nevada, Arizona, Wyoming, etc. started calling us.

The inverted vee was doing us well! We were definitely competing very well with our 100 watts with the "Big Guns"!

We did have a major problem... we were copying too many stations! Our antenna and location were too good! We were receiving everybody it seemed! As the night wore on the band opened up into South America, Mexico, Caribbean, Canada, and the mid-west. We did hear Hawaii faintly.

At 8:00 A.M., Saturday, we shut down to rest and make antenna adjustments since the band was almost closed.

We hooked up the 160 meter mobile whip as our second antenna to receive on since the inverted vee was doing too well! The Icom 737 has a dual antenna provision which made this simple. We then rested and later made stops to shopping centers for food, coffee, and beer for Jim.

We started again at about 5:00 PM, Saturday but for the most part many of the same locals were first heard. We needed more multipliers and distant stations.

In the Southeast, we received 40+ dB over S-9 reports which amazed all! For a small station, we were "kicking rear-ends"! We figured the height was really helping. Of course the inverted vee with its apex at 90' helped, too!

The QRM was somewhat better the second night but...believe it or not, the switchable vertical whip really worked! It sometimes attenuated certain unwanted signals and helped us get the weaker ones! Jim was first to settle down on a frequency calling CQ contest causing a landslide of contacts... then the "Big Guns" moved in and knocked us off. So, we tried elsewhere.

Jeffrey started the next landslide... Mexico, Caribbean, Canada, California,

and others we had not gotten the night before.

We continued until Jim relieved us about 3:00 AM. With his beer and his efforts he continued landing stations. We collapsed at about 5:30 AM not to recover. We all laid around like exhausted dogs until about 8:30 AM, Sunday when we started closing the station as most contacts had been made.

How did we do? We scored 29,380 points which isn't too bad for a medium power station! Many said the extra height would not help. I disagree. Many said we would make about 200 contacts... we made about 300! Unless we could have developed an elaborate radial system for a shunt feed system, I think the 1/2 wave inverted vee performed remarkably well... too well. The DSP unit even helped us in some situations retrieving signals from the static regularly heard on 160.

Next time? We hope to return to the friendly mountain but with a full kW using a modified SB-220 and possibly with a 160 meter receive loop for rotating and selectively nulling strong signals. The contest was definitely fun and it has "whetted" our appetites making us want to do better next year! ♦

## MONEY NEEDED FOR NEW REPEATER

EDITORIAL by Dean Matthews, AD4OD

The club unanimously voted to buy a new repeater, and we feel we have found one. Out of five owners contacted ALL reported the Mark 4 an excellent machine, and the maker, Micro Control Specialties service was superb.

We thought we had found a good used one, but it did not pan out. On inspection it would have cost almost as much as a new one to bring it to current standards, and it was 9 years old. So we are trying to buy a new one. That is what everyone who has talked to me said they wanted anyway, a new one.

We do not have enough money to do that and cover the years expenses, so we need more money, and fast. The existing machine is getting worse daily, and we have no backup now. It will take 45 days to get the machine once we order it, which we do not want to do until we have the money to pay for it.

Pay your dues today! Don't wait for the next meeting, mail them in. If you can include an additional donation, mark it as such and include it too. Many responded to our phone calls and have already donated... but we need more.

If you don't want to donate, prepay an extra year or two of dues, or do both, donate and prepay. *But do it now!* ♦



### GARS MEMBERSHIP APPLICATION (SHORT FORM)

Detach and Mail

Amateur Callsign: \_\_\_\_\_ Class: \_\_\_\_\_ Expires: \_\_\_/\_\_\_/\_\_\_ Date of Birth: \_\_\_/\_\_\_/\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Home Phone: \_\_\_ - \_\_\_ Work-Phone: \_\_\_ - \_\_\_ Fax-Phone: \_\_\_ - \_\_\_

Type of membership: -Individual -Family ARRL Member? Y/N \_\_\_\_\_ Life? Y/N \_\_\_\_\_

Additional members for Family Memberships:

NAME: \_\_\_\_\_

CALLSIGN: \_\_\_\_\_

CLASS (circle 1) BIRTH DATE ARRL Y/N LIFE? Y/N

E A G T+ T N \_\_\_/\_\_\_/\_\_\_ Y/N Y/N

E A G T+ T N \_\_\_/\_\_\_/\_\_\_ Y/N Y/N

E A G T+ T N \_\_\_/\_\_\_/\_\_\_ Y/N Y/N

Check Interests:

-Class instruction -Field Day operation -Repeater maintenance -Gars club booth staffing -Community events

-Emergency -Administrative -Fund raisers

Other \_\_\_\_\_

Dues: April 1 to Sept 30

\$25.00 for Individual Memberships

\$35.00 for Family Memberships

From Oct. 1 to Dec. 31:

\$12.50 for Individual Membership

\$17.50 for Family Memberships

From Jan 1 to March 31:

\$6.25 for Individual Membership

\$8.75 for Family Memberships

Mail your completed application with check made out to GARS to: Gwinnett Amateur Radio Society, PO Box 88 Lilburn, Ga 30226



Atlanta Metro Area VE/VEC Examination Schedules From SERA Repeater Journal and other sources. Published as a service to its members, GARS assumes no responsibility for errors or schedule changes. Call and confirm schedules before going. All sessions are walk-in.

1st Sunday - Lawrenceville W5YI-VEC - Jackson EMC  
461 Swanson Rd - Lawrenceville - 2:00PM  
Duane Reynolds, WB2YAD - 962-9582

1st Monday - Roswell CA-VEC 7:45PM  
St Ann Catholic Church - 4905 Roswell Rd - Marietta  
Delaine McCarthy, KM4FV - 993-9758

1st Saturday - Clayton Co. Emergency Mgmt Bldg  
7496 N. McDonough St. - Jonesboro - 9:00AM  
George White, KN4NG 361-6850

2nd Sundays - First Presbyterian Church  
183 West Main Street, Cartersville 3:00PM  
Mark Swicord, KD4EYF - 975-1309

2nd Tuesday - Walton EMC 7:00PM  
3645 - Lenora Church Rd, Snellville  
Wayne Taylor, WD4CCA 498-7759

2nd Saturday - Stn Mtn CA-VEC 8:30AM  
Stone Mountain-METHODIST Church  
Hal Martin, KI4RD - 978-9160

3rd Saturdays - Marietta First United Methodist Church  
56 Whitlock Ave, Room 319 - 9:00AM  
Larry Huff, WA4CQZ - 955-3171

4th Sunday N Atlanta ARRL-VEC - Episcopal Church of the Atonement  
2:30PM Highpoint Rd, Atlanta  
John King, AB4GK - 381-5291

**4th Friday GARS W5YI-VEC - 7:00PM - St John Neumann Church**  
801 Tom Smith Rd, off Five Forks Trickum Rd, Lilburn  
Howie Gould, W4NVF 921-8362 Headphones!



P.O. Box 88  
Lilburn, Ga 30226



## HAMFEST CALENDAR

<u>June</u>	<u>4</u> ... <b>Athens Radio Club Hamfest - Athens GA</b>
June	4 ... Amatuer Radio & Computer Fair - Knoxville TN
June	5? ... Hamfest - Humbolt, TN
June	11 ... Hamfest - Winston-Salem NC
June	18 .. TN State ARRL Convention - Nashville, TN
June	18-19 Albany ARC Hamfest - Albany, GA
July	9 ... "Firecracker" Hamfest - Salisbury NC
<u>July</u>	<u>23-24 Atl Radio Club Hamfest - Atlanta.</u>
July	30 .. WCARS Hamfest - Asheville, NC

?=Date not confirmed. Several entries taken from SERA Journal.  
Georgia locations are bold, Nearby locations are bold and underlined

E2



Come to the GARS Field Day Event - June 25 & 26 at Lawrenceville City Park (Rhodes Park)  
Contact the Field Day Chairman, John Scott - KD4VHG at 979-0995 for information or to volunteer equipment or services.